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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

### Complete if Known

Application Number	<del>To Be Assigned</del> 10/782,721
Filing Date	February 23, 2004
First Named Inventor	James L. RICHARDS
Group Art Unit	3662
Examiner Name	Theodore M. Blum
Attorney Docket Number	28549-200874

Sheet 1 of 3

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
DP		3,213,449		Kobayashi		
		3,068,473		Muthi et al.		
		3,376,504		Chick		
		3,396,393		Wagner		
		3,461,452		Welter		
		4,315,260		Kupfer		
		4,743,906		Fullerton		
		4,916,429		Hicks et al.		
		4,916,455		Bent et al.		
		5,216,429		Nakagawa		
		5,510,800		McEwan		
		5,589,838		McEwan		
DP		5,661,490		McEwan		
		6,850,612		Gilhausen		
DP		5,912,644		Wang		
DP		5,552,772		Janky et al.		
DP		5,661,492		Shoap et al.		
DP		4,161,730		Anderson et al.		
DP		4,543,580		Bent et al.		
		4,797,160		Kochler et al.		

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
DP		WO	99/49333			9/1999		
DP		WO	99/61936			12/1999		

Examiner Signature

*[Signature]*

Date Considered

3/10/06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1448A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

### Complete If Known

Application Number	To Be Assigned 10/782,771
Filing Date	February 23, 2004
First Named Inventor	James L. RICHARDS
Group Art Unit	3662
Examiner Name	Theodore M. Blum
Attorney Docket Number	28549-200874

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		Number	Kind Code <sup>2</sup> (if known)			
DP		5,499,029		Bashforth et al.	03/12/1996	
		5,748,891		Fleming et al.	05/05/1998	
		6,002,708		Fleming et al.	12/14/1999	
		5,933,079		Frink	08/03/1999	
		6,054,950		Fontana	04/25/2000	
DP		5,796,366		Grebnev et al.	08/18/1998	
		4,641,317		Fullerton	02/03/1987	
		4,813,057		Fullerton	03/14/1989	
		4,979,186		Fullerton	12/18/1990	
		5,363,857		Fullerton	11/08/1994	
DP		5,677,927		Fullerton	10/14/1997	
		5,687,169		Fullerton	12/11/1997	
		5,832,035		Fullerton	12/03/1998	
		4,901,307		Gilhausen et al.	02/13/1990	
		5,847,677		McCorkle	12/08/1998	
DP		5,610,907		Barrett	03/11/1997	
		5,666,662		Shibuya	9/1997	
		6,040,800		Raith et al.	3/2000	
		5,247,311		Sobocinski	09/21/1993	
		4,112,421		Freeny, Jr.	09/05/1978	
		6,104,337		Coutts et al.	08/15/2000	

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		Filing Date	February 23, 2004
		First Named Inventor	James L. RICHARDS
		Group Art Unit	3662
		Examiner Name	Theodore M. Blum
		Attorney Docket Number	28549-200874
Sheet	3	of	3

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DP		English Language Abstract of Japanese Publication Number 05-172934, Toshie, H., "Method for Measuring Distance Between Transmitter and Receiver," (July 1993, 1 page	
DP		Copy of International Search Report, Application No. PCT/US01/09947, Issued October 31, 2001, 4 pages	

Examiner Signature		Date Considered	3/10/06
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